ABSTRACT

[0068]   A method of managing a repeated surface comprising seismic data as one surface is disclosed where a plurality of horizons is analyzed and a determination made as to which of the plurality of horizons comprise a repeated surface. Those horizons which comprise the repeated surface may then be logically connected into a logically connected horizons data set which may then be assigned a common identifier and which may further respond similarly to a single event, e.g. a user action. It is emphasized that this abstract is provided to comply with the rules requiring an abstract which will allow a searcher or other reader to quickly ascertain the subject matter of the technical disclosure. It is submitted with the understanding that it will not be used to interpret or limit the scope or meaning of the claims.

                                    Inventors: Baker, III, et al.